

**DECLARATION FOR RE-ISSUE PATENT APPLICATION  
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first, and sole inventor (*if only one name is listed below*) or an original, first, and joint inventor (*if plural names are listed below*) of the invention entitled:

**PROCESS AND INSTALLATION FOR RECOVERY AND PURIFICATION OF ETHYLENE PRODUCED BY  
PYROLYSIS OF HYDROCARBONS, AND GASES OBTAINED BY THIS PROCESS**

for which United States Patent 6,578,378 issued, the specification of which is attached hereto.

I acknowledge the duty to disclose information which is material to the examination of this re-issue patent application in accordance with 37 CFR 1.56.

As a named inventor, I hereby appoint Leydig, Voit & Mayer to prosecute this re-issue patent application and transact all business in the Patent and Trademark Office connected therewith: Customer Number 23548.

23548

I further direct that correspondence concerning this re-issue patent application be directed to Leydig, Voit & Mayer: Customer Number 23548.

23548

United States Patent 6,578,378, which matured from United States Patent Application No. 10/000,790, is partly inoperative or invalid by failing to perfect the priority claim to my French Patent Application FR 00 15 922, filed December 7, 2000 in France through the failure to submit a certified copy of my French patent application before the payment of the issue fee for my United States patent application.

The error occurred without deceptive intent. Correction of U.S. Patent 6,578,378 in my re-issue patent application by entry of the certified copy my French patent application, filed simultaneously with my re-issue patent application, is requested.

I declare that all statements made herein of my own knowledge are true, that all statements made on information and belief are believed to be true, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Victor KAISER

Inventor's signature 

Date 15 March 2004

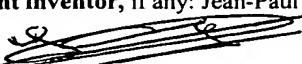
Country of Citizenship: France

Residence: Maisons Laffitte, France  
(city/state or country)

Post Office Address: 12 avenue Lalvoisier 78600 Maisons Lafitte, France  
(complete mailing address)

in re Appln. of KAISER et al.  
Attorney Docket No. 402973

Full name of **second joint inventor**, if any: Jean-Paul LAUGIER

Inventor's signature 

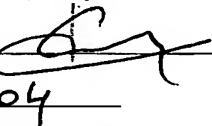
Date 2004, March 15<sup>th</sup>

Country of Citizenship: France

Residence: Paris, France  
(city/state or country)

Post Office Address: 11 rue Nicolas Fortin 75013 Paris, France  
(complete mailing address)

Full name of **third joint inventor**, if any: Yvon SIMON

Inventor's signature 

Date 8 March 2004

Country of Citizenship: France

Residence: Les Loges en Josas, France  
(city/state or country)

Post Office Address: 2 rue Jean Mermoz 78350 Les Loges en Josas, France  
(complete mailing address)

Technip-Coflexip 0015922  
US101000790

**PATENT**  
Attorney Docket No. 402973

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

KAISER et al.

Re-issue of U.S. Patent No. 6,578,378

Art Unit: Unassigned

Application No. Unassigned

Examiner: Unassigned

Filed: **March 31, 2004**

For: **PROCESS AND INSTALLATION FOR  
RECOVERY AND PURIFICATION OF  
ETHYLENE PRODUCED BY PYROLYSIS  
OF HYDROCARBONS, AND GASES  
OBTAINED BY THIS PROCESS**

**COMBINED CONSENT OF ASSIGNEE  
AND STATEMENT PURSUANT TO 37 CFR 3.73**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

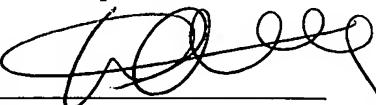
By virtue of an Assignment from the inventors recorded amongst the assignment records of the U.S. Patent and Trademark Office at reel 012888, frame 0672 on May 13, 2002, Technip-Coflexip, of Courbevoie, France, is the owner of the invention disclosed and claimed in U.S. Patent 6,578,378 and the owner of Letters Patent 6,578,378

As a duly authorized representative of Technip-Coflexip, I confirm that Technip-Coflexip consents to the filing of a reissue patent application for U.S. Patent 6,578,378.

March 15, 2004  
Date

Technip-Coflexip

By \_\_\_\_\_  
Signature



Philippe HOFFMANN

Typed name

Technology Innovation IP Manager

Title

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

KAISER et al.

Art Unit: Unassigned

Re-issue of U.S. Patent No. 6,578,378

Application No. Unassigned

Examiner: Unassigned

Filed: March 31, 2004

For: **PROCESS AND INSTALLATION  
FOR RECOVERY AND  
PURIFICATION OF ETHYLENE  
PRODUCED BY PYROLYSIS OF  
HYDROCARBONS, AND GASES  
OBTAINED BY THIS PROCESS**

**DECLARATION**

Mail Stop  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

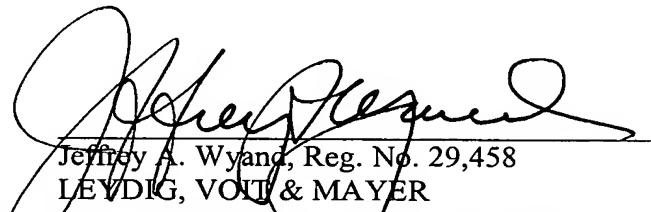
I, Jeffery A. Wyand, am a registered patent attorney and I prosecuted the U.S. Patent Application No. 10/000,790 filed December 4, 2001. This patent application was entrusted to me for prosecution by a patent agency from France. However, in the course of prosecution the responsible French patent agent changed to a different firm. I never received from either firm the certified copy of the French patent application from which priority was claimed pursuant to 35 U.S.C. 119 in the Declaration that was filed with the original application. At the time of reviewing the Notice of Allowance, I overlooked the Examiner's indication that the priority document had not been received. Therefore, I attended to the payment of the issue fee without the filing of the certified priority document. These errors occurred without deceptive intent.

The priority document is supplied with this patent application in order to perfect the priority claim of the original patent through re-issued Letters Patent.

In re Appln. of KAISER et al.  
Application No. Unassigned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,



Jeffrey A. Wyand, Reg. No. 29,458  
LEVDIG, VOLF & MAYER  
700 Thirteenth Street, N.W., Suite 300  
Washington, DC 20005-3960  
(202) 737-6770 (telephone)  
(202) 737-6776 (facsimile)

Date: March 31, 2001  
JAW:ves